

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1270529

Luminaire Tested: P3A20R259740D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270529
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R259740D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

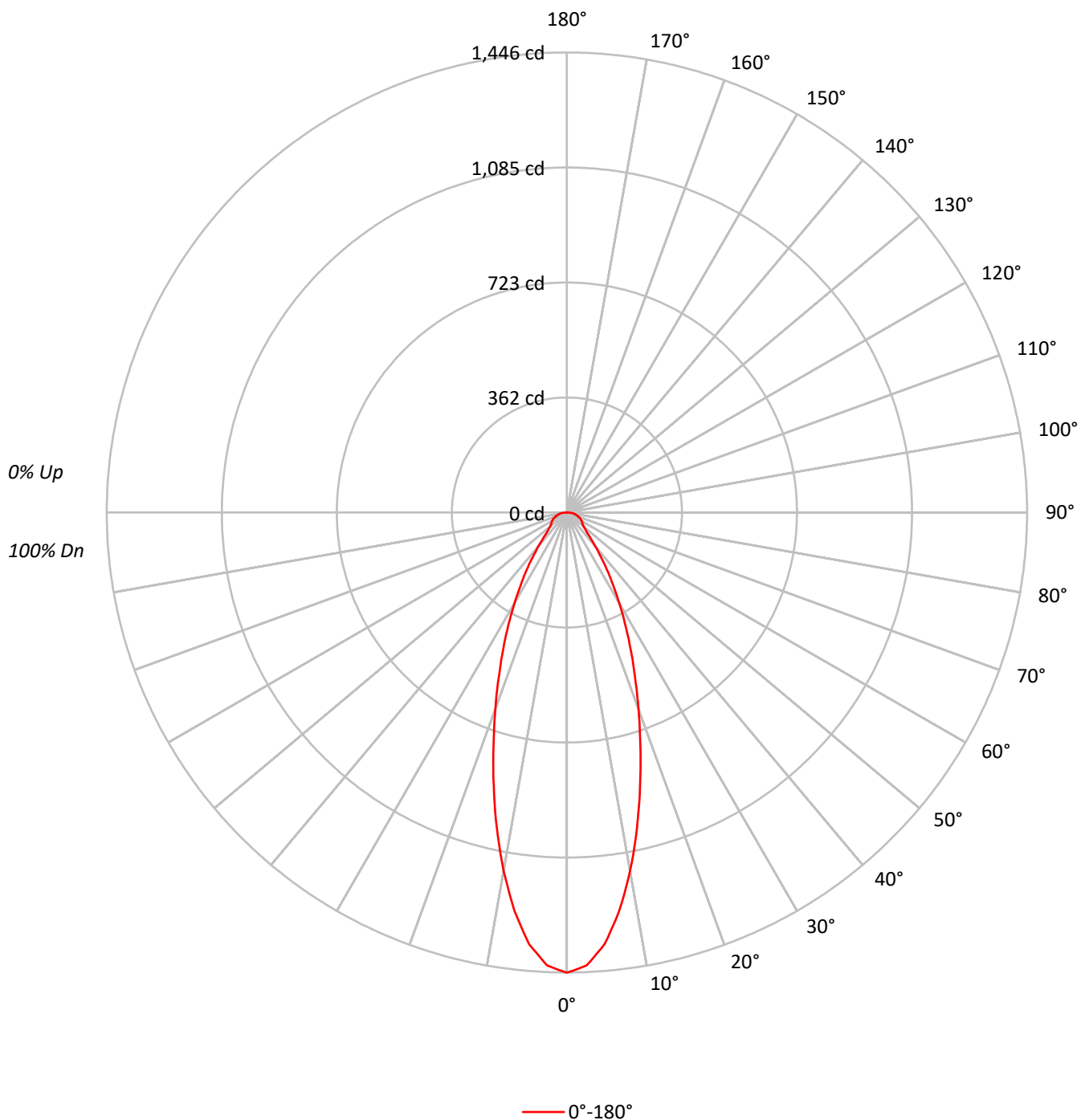
Lumens per Lamp: N/A
Luminaire Lumens: 943.9 lumens
Efficiency: N/A
Efficacy: 32.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	317189
5°	299669
10°	254705
15°	201749
20°	153337
25°	114370
30°	83177
35°	58839
40°	39903
45°	27848
50°	23368
55°	22594
60°	23858
65°	24542
70°	24235
75°	26010
80°	29802
85°	29688

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 31752 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.9	13.0
10°-20°	246.0	26.1
20°-30°	217.8	23.1
30°-40°	138.7	14.7
40°-50°	73.4	7.8
50°-60°	53.9	5.7
60°-70°	45.9	4.9
70°-80°	32.4	3.4
80°-90°	12.8	1.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	586.7	62.2
0°-40°	725.4	76.8
0°-60°	852.7	90.3
0°-90°	943.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	943.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1446	
5°	1361	123
15°	889	246
25°	473	218
35°	220	139
45°	90	73
55°	59	54
65°	47	46
75°	31	32
85°	12	13
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1446.5
2.5°	1425.2
5°	1361.4
7.5°	1262.1
10°	1143.9
12.5°	1016.3
15°	888.7
17.5°	765.8
20°	657.1
22.5°	557.8
25°	472.7
27.5°	397.1
30°	328.5
32.5°	269.4
35°	219.8
37.5°	174.9
40°	139.4
42.5°	111.1
45°	89.8
47.5°	78.0
50°	68.5
52.5°	63.8
55°	59.1
57.5°	56.7
60°	54.4
62.5°	49.6
65°	47.3
67.5°	42.5
70°	37.8
72.5°	35.5
75°	30.7
77.5°	26.0
80°	23.6
82.5°	18.9
85°	11.8
87.5°	4.7
90°	0.0

(END OF REPORT)